Project Title	Funding	Strategic Plan Objective	Institution
Cross-Model Automated Assessment of Behavior during Social Interactions in Children with ASD	$0	Q1.S.A	Yale University
Biomarkers for autism and for gastrointestinal and sleep problems in autism	$0	Q1.L.A	Yale University
COMPONENTS OF EMOTIONAL PROCESSING IN TODDLERS WITH ASD	$669,551	Q1.L.A	Yale University
Extraction of Functional Subnetworks in Autism Using Multimodal MRI	$356,327	Q1.L.B	Yale University
Improved early detection of autism using novel statistical methodology	$0	Q1.L.B	Yale University
Novel Methods to Understand Brain Connectivity in Autism	$5,000	Q1.L.B	Yale University
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	$0	Q1.L.B	Yale University
Development of Face Processing in Infants with Autism Spectrum Disorders	$409,613	Q1.L.B	Yale University
Subtyping of toddlers with ASD based on patterns of social attention deficits	$0	Q1.L.B	Yale University
Undergraduate Research Award	$3,000	Q1.L.C	Yale University
Test of integrated language and literacy skills validation research	$0	Q1.Other	Western Michigan University
IMPLICIT LEARNING ABILITIES PREDICT TREATMENT RESPONSE IN AUTISM SPECTRUM DISORDERS	$0	Q1.L.B	Weill Cornell Medical College
fcMRI in Infants at High Risk for Autism	$539,308	Q1.L.A	Washington University in St. Louis
Early Quantitative Characterization of Reciprocal Social Behavior	$545,901	Q1.L.C	Washington University in St. Louis
Multimedia Tool for Psychology Graduate Student ASD Assessment Training	$445,256	Q1.S.A	VIRTUAL REALITY AIDS, INC.
Data Mining for Autism Endophenotypes in a Large Resting-State fMRI Repository	$77,062	Q1.L.B	VIRGINIA POLYTECHNIC INST AND ST UNIV
Neural Economics of Biological Substrates of Valuation	$379,913	Q1.L.C	VIRGINIA POLYTECHNIC INST AND ST UNIV
Electrophysiological Correlates of Cognitive Control in Autism	$128,277	Q1.L.B	UT SOUTHWESTERN MEDICAL CENTER
A Sociology of Testing, Diagnosis and Autism Spectrum Disorder	$0	Q1.S.C	University of Wisconsin
A Screen-Refer-Treat (SRT) Model to Promote Earlier Access to ASD Intervention	$849,173	Q1.S.B	University of Washington
Molecular Mechanisms of Atypical Habituation in Autism Spectrum Disorders	$474,949	Q1.L.A	University of Washington
Evaluating pupil size as a diagnostic tool in autism	$78,197	Q1.L.A	University of Washington
Serum antibody biomarkers for ASD	$0	Q1.L.A	University of Texas Southwestern Medical Center

Project Title	Funding	Strategic Plan Objective	Institution
Identification of candidate serum antibody biomarkers for ASD	$0	Q1.L.B	University of Texas Southwestern Medical Center
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	$0	Q1.L.B	University of Texas Health Science Center, San Antonio
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	$0	Q1.L.B	University of Southern California
Predicting Autism through Behavioral and Biomarkers of Attention in Infants	$26,400	Q1.L.A	UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA
Early Social and Emotional Development in Toddlers at Genetic Risk for Autism	$368,827	Q1.L.A	University of Pittsburgh
Development of Vocal Coordination between Caregivers and Infants at Heightened Biological Risk for Autism Spectrum Disorder	$0	Q1.L.A	University of Pittsburgh
Change-sensitive Measurement of Emotion Dysregulation in ASD	$458,586	Q1.Other	University of Pittsburgh
Developing Automated Algorithms to Assess Linguistic Variation in Individuals with Autism	$35,000	Q1.L.C	University of Pennsylvania
Using Parent Report to Identify Infants Who Are at Risk for Autism Spectrum Disorder (ASD)	$0	Q1.S.B	University of North Carolina
Supplement to NIH ACE Network grant: "A longitudinal MRI study of infants at risk for autism"	$0	Q1.L.A	University of North Carolina
Restricted Repetitive Behavior in Autism	$418,741	Q1.L.B	University of North Carolina
Development of postural control variability and preferential looking behavior in	$189,814	Q1.L.A	University of Nebraska
Evaluation of pupillary light reflex as biomarker of neurodevelopmental disorder	$182,537	Q1.S.A	University of Missouri
The Autism Impact Measure: A New Tool for Treatment Outcome Measurement	$1,283,153	Q1.L.B	University of Missouri
Addressing systemic health disparities in early ASD identification and treatment	$813,085	Q1.S.C	University of Massachusetts, Boston
Dissemination of multi-stage screening to underserved culturally-diverse families	$0	Q1.S.C	University of Massachusetts, Boston
The early development of attentional mechanisms in ASD	$119,406	Q1.L.B	University of Massachusetts, Boston
Addressing Health Disparities in ASD Diagnosis, Services, and School Engagement	$300,000	Q1.S.C	University of Massachusetts
I-Corps: Video Interface for Behavioral Evaluation	$50,000	Q1.L.C	University of Kentucky
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	$0	Q1.L.B	University of Illinois

Project Title	Funding	Strategic Plan Objective	Institution
An MEG investigation of neural biomarkers and language in nonverbal children with autism spectrum disorders	$0	Q1.L.A	University of Colorado, Denver
Early Identification of ASD: Translating Eye Tracking into Practice	$375,283	Q1.S.B	UNIVERSITY OF CALIFORNIA SAN DIEGO
DETECTION OF ASD AT THE 1ST BIRTHDAY AS STANDARD OF CARE: THE GET SET EARLY MODEL	$1,099,280	Q1.S.D	UNIVERSITY OF CALIFORNIA SAN DIEGO
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	$0	Q1.L.B	University of California San Diego
Development of a blood-based biomarker for autism	$62,500	Q1.L.A	University of California, San Francisco
INT2-Large: Collaborative research: Developing social robots	$0	Q1.Other	University of California, San Diego
Neural assays and longitudinal assessment of infants at very high risk for ASD	$179,232	Q1.L.A	University of California, Los Angeles
Predicting the Decline of Social Attention in Infants at Risk for Autism	$178,128	Q1.L.A	University of California, Los Angeles
Neural Predictors of Language Function After Intervention in Children with Autism	$181,307	Q1.L.B	University of California, Los Angeles
EEG biomarkers of language and literacy abilities in minimally verbal children with ASD	$51,400	Q1.L.B	University of California, Los Angeles
Development of a Prospective Parent Report Measure to Identify ASD Risk in Infancy	$150,000	Q1.S.B	University of California, Davis
Development of a Prospective Video-Based Measure to Identify ASD Risk in Infancy	$478,021	Q1.S.B	University of California, Davis
Neurobehavioral Analysis Core	$122,509	Q1.S.B	University of California, Davis
A Centralized Standard Database for the Baby Siblings Research Consortium	$126,394	Q1.L.A	University of California, Davis
Epigenetic biomarkers of autism in human placenta	$0	Q1.L.A	University of California, Davis
Leadership Education in Neurodevelopmental Disabilities	$2,500	Q1.S.B	University of Alabama at Birmingham
Comparative Effectiveness of Developmental-Behavioral Screening Instruments	$639,561	Q1.S.B	Tufts University
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	$0	Q1.L.B	Trustees of Boston University
Improving Accuracy and Accessibility of Early Autism Screening	$796,039	Q1.S.B	TOTAL CHILD HEALTH, INC.
(SDAS) Making a More Effective and Efficient SCQ	$100,000	Q1.S.B	Texas Tech University
Solid-state patch clamp platform to diagnose autism and screen for effective drug	$230,339	Q1.S.A	Stanford University

Project Title	Funding	Strategic Plan Objective	Institution
Mobilized technology for rapid screening and clinical prioritization of ASD	$42,612	Q1.S.B	Stanford University
A functional near-infrared spectroscopy study of first signs of autism	$128,805	Q1.L.A	Stanford University
A monkey model of naturally occurring low sociability	$229,288	Q1.Other	Stanford University
Eyeblink conditioning in school-aged children with ASD	$597,024	Q1.L.A	SEATTLE CHILDREN'S HOSPITAL
Salivary oxytocin as a biomarker for autism spectrum disorder	$224,875	Q1.L.A	SALIMETRICS, LLC
Reducing Barriers to Autism Care in Latino Children	$179,521	Q1.S.C	Oregon Health & Science University
Risk Evaluation for Autism in Latinos– Screening tools and Referral Training (REAL-START)	$49,995	Q1.Other	Oregon Health & Science University
Divergent biases for conspecifics as early markers for Autism Spectrum Disorders	$242,653	Q1.L.A	New York University
Reliability of sensory-evoked activity in autism	$100,804	Q1.L.B	New York University
Using a direct observation assessment battery to assess outcome of early intensive behavioral intervention for children with autism	$0	Q1.L.B	New England Center for Children
Clinical and Behavioral Phenotyping of Autism and Related Disorders	$1,820,672	Q1.L.B	National Institutes of Health
Predicting outcomes in autism with functional connectivity MRI	$17,381	Q1.L.B	National Institutes of Health
South Carolina Children's Educational Surveillance Study: Comparison of DSM-IV & DSM-5 prevalence	$79,603	Q1.Other	Medical University of South Carolina
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	$0	Q1.L.B	Massachusetts Institute of Technology
Development of accelerated diffusion and functional MRI scans with real-time motion tracking for children with autism	$96,553	Q1.L.B	Massachusetts General Hospital
Receptive vocabulary knowledge in low-functioning autism as assessed by eye movements, pupillary dilation, and event-related potentials	$0	Q1.L.C	Johns Hopkins University
Developing a Sensory Reactivity Composite Score for the New DSM-5	$0	Q1.S.B	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
Early-Stage Visual Processing in ASD: Neurophysioloigcal Biomarkers Using Visual Evoked Potentials	$51,395	Q1.L.B	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
Autism: Social and Communication Predictors in Siblings	$675,162	Q1.L.A	HUGO W. MOSER RESEARCH INSTITUTE KENNEDY KRIEGER
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	$24,000	Q1.L.B	Georgia Tech Research Corporation

Project Title	Funding	Strategic Plan Objective	Institution
Validation of web-based administration of the M-CHAT-R with Follow-up (M-CHAT-R/F)	$74,804	Q1.S.B	Georgia State University
Exploring Social Attribution in Toddlers At Risk for Autism Spectrum Disorder (ASD)	$29,500	Q1.L.A	Georgia State University
The Development of Auditory Joint Engagement	$307,100	Q1.L.C	GEORGIA STATE UNIVERSITY
Smart Early Screening for Autism and Communication Disorders in Primary Care	$510,505	Q1.S.B	Florida State University
Mobilizing Community Systems to Engage Families in Early ASD Detection & Services	$2,458,680	Q1.S.C	Florida State University
Intersensory Perception of Social Events: Typical and Atypical Development	$134,355	Q1.L.C	FLORIDA INTERNATIONAL UNIVERSITY
The ontogeny of social vocal engagement and its derailment in autism	$157,315	Q1.L.A	Emory University
Identifying Biomarkers for Early Detection of Prosody Disorders in ASD using Electroglottography	$35,000	Q1.L.A	Emory University
Visual Fixation on the Mouth: A Potential Index of Language Acquisition and Delay	$29,500	Q1.L.A	Emory University
Toward Outcome Measurement of Anxiety in Youth with Autism Spectrum Disorders	$612,963	Q1.L.B	Emory University
Early Detection of Autism Spectrum Disorder	$668,397	Q1.S.B	DREXEL UNIVERSITY
The Autism Spectrum Addendum (ASA) for the Anxiety Disorders Interview Schedule	$5,000	Q1.S.B	Drexel University
Investigating the auditory attentional networks in Autism Spectrum Disorder	$60,000	Q1.L.B	CUNY - Queens College
CAREER: Enabling community-scale modeling of human behavior and its application to healthcare	$16,000	Q1.Other	Cornell University
Family patterns in diagnosis of children with autism spectrum disorders (ASD)	$20,000	Q1.S.C	Columbia University
Testing the tuning-width hypothesis in a unified theory for autism	$0	Q1.L.B	Columbia University
Using near-infrared spectroscopy to measure the neural correlates of social and emotional development in infants at risk for autism spectrum disorder	$0	Q1.L.A	City of New York, College of Staten Island
Extracellular signal-related kinase biomarker development in autism	$54,890	Q1.L.B	Cincinnati Children's Hospital Medical Center
Characterizing autism-related intellectual impairment and its genetic mechanisms	$61,029	Q1.S.B	Children's Hospital of Philadelphia
Early Biomarkers of Autism Spectrum Disorders in infants with Tuberous Sclerosis	$3,463,622	Q1.L.A	CHILDREN'S HOSPITAL CORPORATION
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	$16,000	Q1.L.B	Carnegie Mellon University

Project Title	Funding	Strategic Plan Objective	Institution
Intelligent Data Capture and Assessment Technology for Developmental Disabilities	$872,034	Q1.S.B	CARING TECHNOLOGIES, INC.
(SDAS) Racial and Ethnic Disparities in Children's Early Diagnostic and Health Services	$99,991	Q1.S.C	Brandeis University
The effects of autism on the sign language development of deaf children	$0	Q1.S.B	Boston University
Early identification and service linkage for urban children with autism	$982,149	Q1.S.C	Boston University
Markers of Early Speech Development in Children at Risk for Autism	$5,000	Q1.L.B	Boston University
Reducing disparities in Rimely Autism Diagnosis through Family Navigation	$0	Q1.S.C	Boston Medical Center
Developing fNIRS as a brain function indicator in at-risk infants	$290,707	Q1.L.A	Birkbeck College
Evaluating Plasma and Urine Porphyrins as Biomarkers of ASD	$251,038	Q1.L.A	BATTELLE CENTERS/PUB HLTH RES & EVALUATN
Baby Siblings Research Consortium	$70,586	Q1.S.B	Autism Speaks (AS)
Bridging Basic Research with Clinical Research with the Aim of Discovering Biomarkers for Autism	$128,679	Q1.L.A	Autism Consortium
Enabling use of blood spot cards for accurate high throughput Fragile X screening	$1,011,519	Q1.S.A	ASURAGEN, INC.
FUNDAMENTAL VISUAL REPRESENTATIONS AND SOCIAL COGNITION IN ASD	$0	Q1.L.B	ALBERT EINSTEIN COLLEGE OF MEDICINE